

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Paulo Eduardo Mantelatto et al.

Application No.: National Phase of  
PCT/BR2004/000237

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: PROCESS FOR RECOVERING  
POLYHYDROXIALKANOATES ('PHAS')  
FROM CELLULAR BIOMASS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed documents.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: May 27, 2006

Respectfully submitted,

By /Flynn Barrison (53,970)/  
Louis J. DelJuidice  
Registration No.: 47,522  
DARBY & DARBY P.C.  
P.O. Box 5257  
New York, New York 10150-5257  
(212) 527-7700  
(212) 527-7701 (Fax)  
Attorneys/Agents For Applicant

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Substitute for form 1449A/B/PTO

**Complete if Known**

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Paulo Eduardo Mantelatto
Art Unit	N/A
Examiner Name	Not Yet Assigned
Sheet	1
of	1
Attorney Docket Number	06290/0204400-US0

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Attorney Docket Number

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number/Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> "Number/Kind Code <sup>4</sup> " (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
BA	WO-01/55850-A2		09-20-2001	Monsanto Technology LLC		
BB	WO-98/46782-A1		10-22-1998	Monsanto Company		
BC	WO-98/46783-A1		10-22-1998	Monsanto Company		
BD	WO-98/07879-A1		02-26-1998	Buna Sow Leuna Olefintverbund GmbH		
BE	WO-97/07229-A1		02-27-1997	The Procter & Gamble Company		
BF	WO-97/07230-A1		02-27-1997	The Procter & Gamble Company		
BG	WO-95/33065-A1		12-07-1995	The Procter & Gamble Company		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). <sup>1</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 961.04. <sup>2</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup>Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CA	Nonato R V et al.; "Integrated production of biodegradable plastic, sugar and ethanol"; Applied Microbiology and Biotechnology, vol. 57, no. 1-2, October 2001, pages 1-5, XP002326549.		
CB	Rossell C E V et al.; "Production of biodegradable plastic (PHB), sugar and ethanol in a sugar mill"; International Sugar Journal, vol. 104, no. 1243, 2002, pages 321-323, XP008046491.		
CC	Database CA 'Online! Chemical Abstracts Service, Columbus, Ohio, USA, 1995, Derenzo S et al.; "Extraction of biopolymers from cellular materials", XP002326951 retrieved from STN Database accession no. 123-81739 abstract & BR 9 302 312 A (Cooperativas De Productores De Cane, Acucar E Alcool Do Estado De Sao Paulo) 7 February 1995.		
CD	Konings De G J M et al.; "Process for the recovery of poly(hydroxyalkanoates) from Pseudomonads, Part 2: Process development and economic evaluation"; Bioprocess Engineering, vol. 17, 1997, pages 15-21, XP002900486.		
CE	International Search Report for International Patent Application PCT/BR2004/000237, date of mailing May 23, 2005.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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